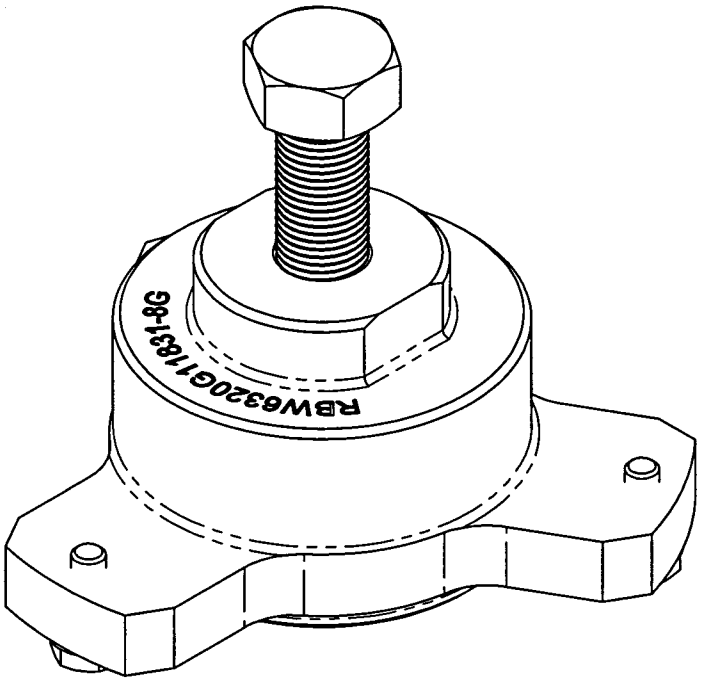
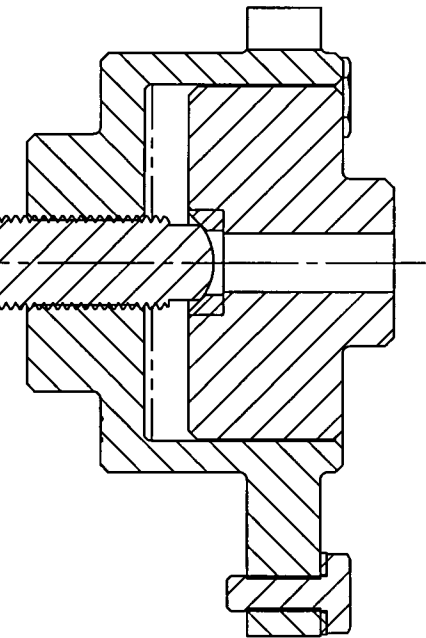
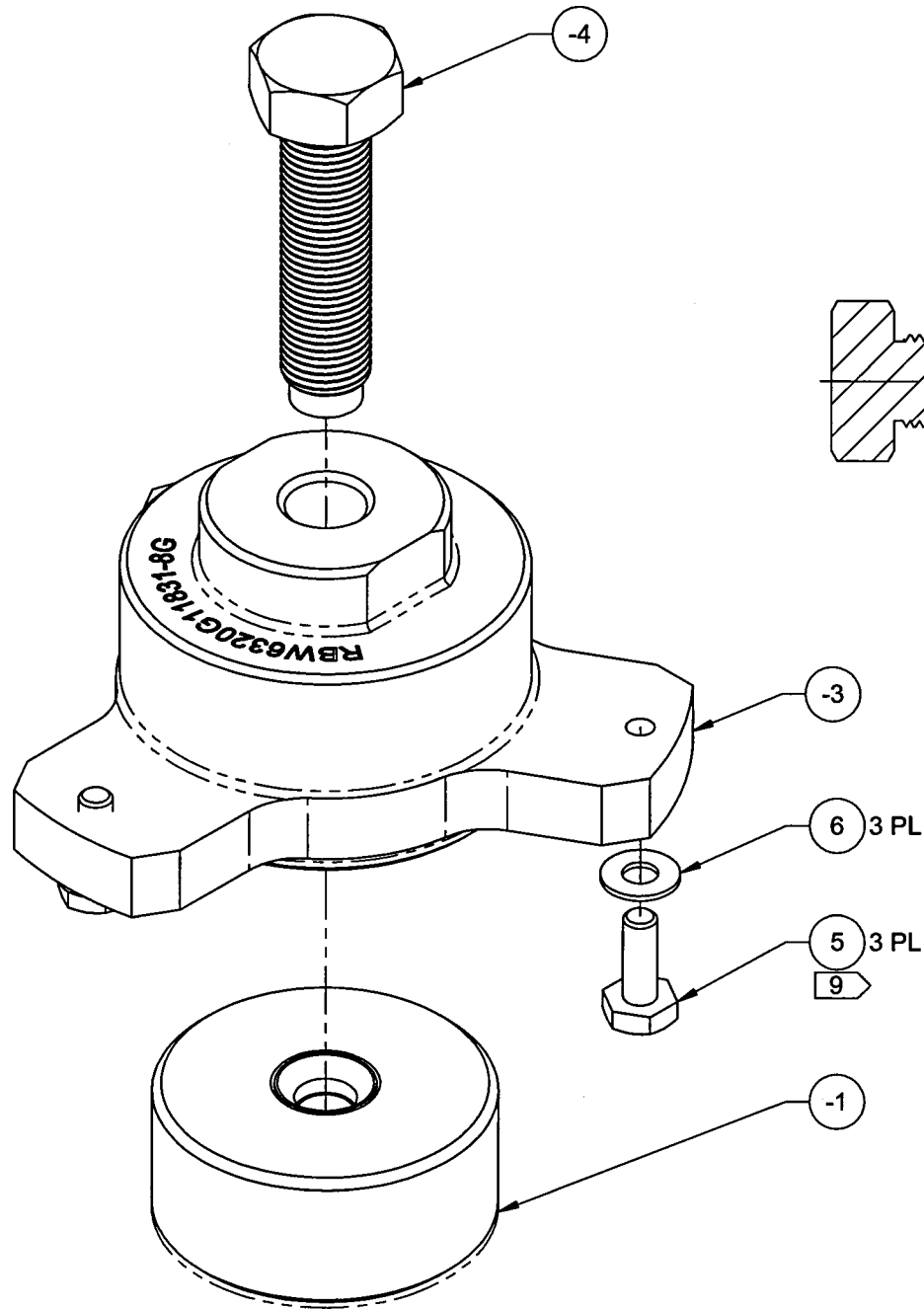


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6320G11831-8G-1	REACTION ASSY
-3	1	RBW6320G11831-8G-3	EXTRACTOR
-4	1	RBW6320G11831-8G-4	SPECIAL BOLT
5	3	AN3-4A	BOLT #10-32
6	3	NAS1149F0332P	WASHER #10 x 1/32" THK

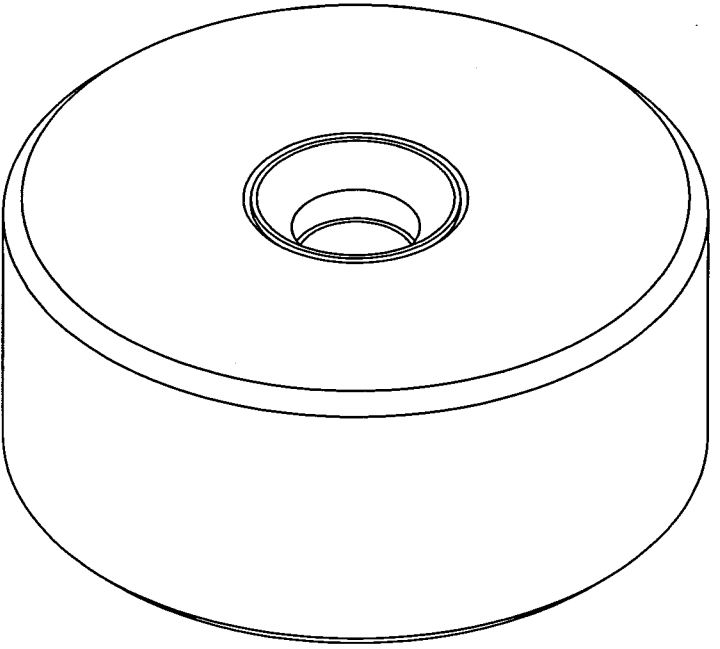
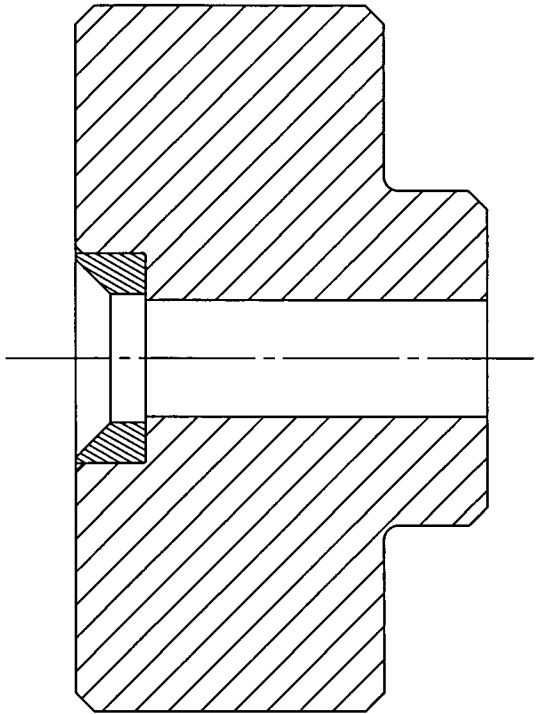
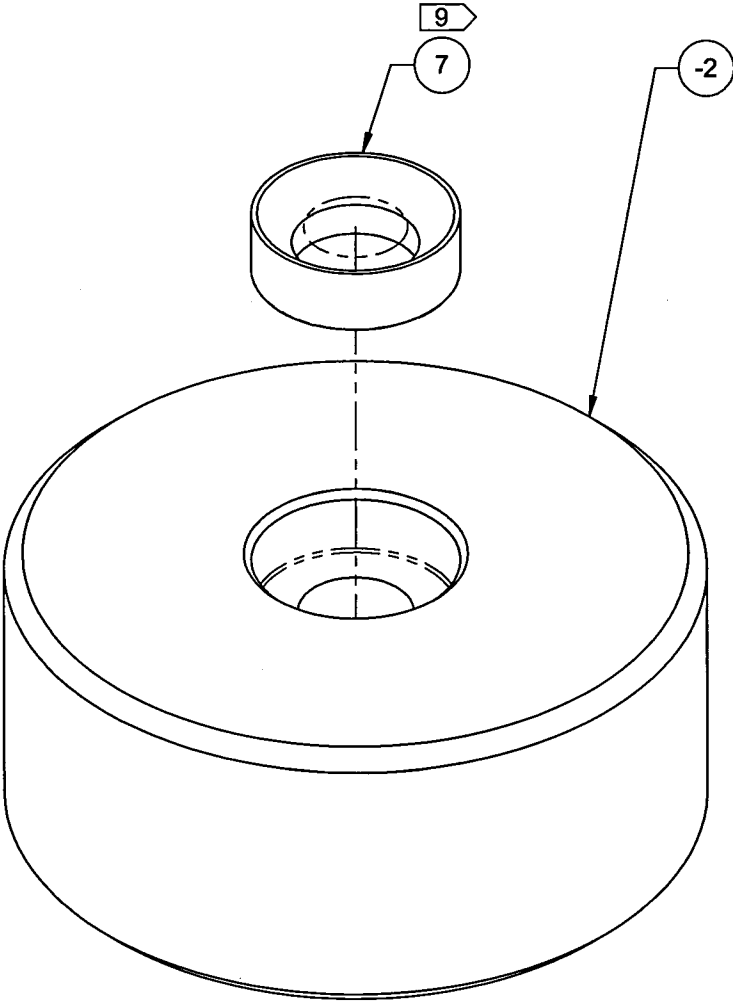


RBW6320G11831-8G MGB INPUT FLANGE REMOVAL PULLER

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ASSEMBLE AS SHOWN
9) INSTALL ITEM -4 HAND TIGHT
10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	18-551	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6320G11831-8G	SHEET 1 OF 5
APPROVED	W7	TITLE	SCALE
DATE 8/28/2018		MGB INPUT FLANGE REMOVAL PULLER	NTS
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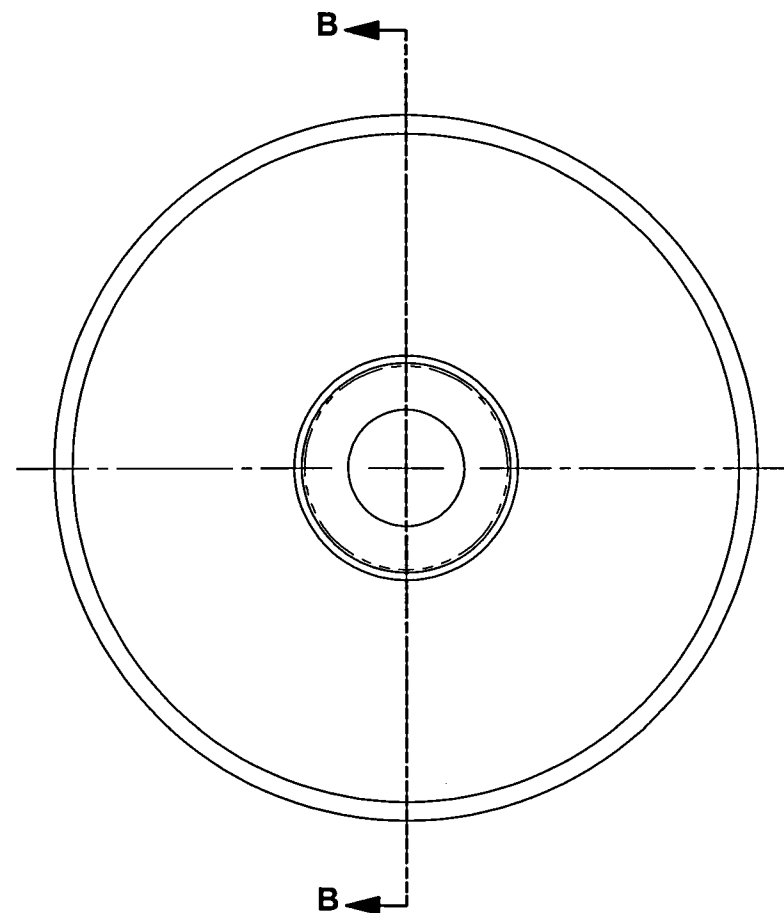
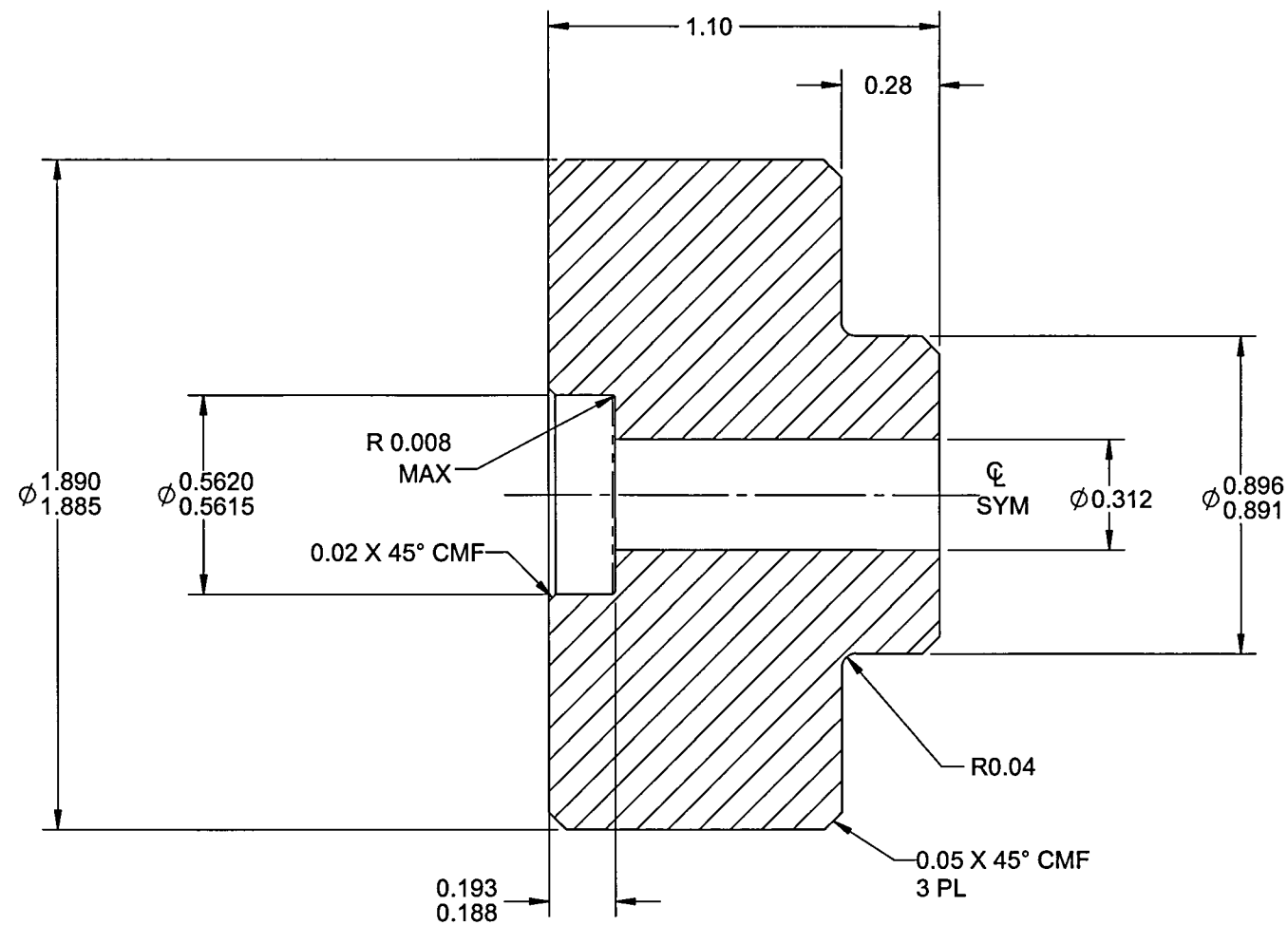
ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6320G11831-8G-2	REACTION
7	1	McMaster#91944A206 or EQUIV	SPHERICAL WASHER FOR 5/16" SCREW



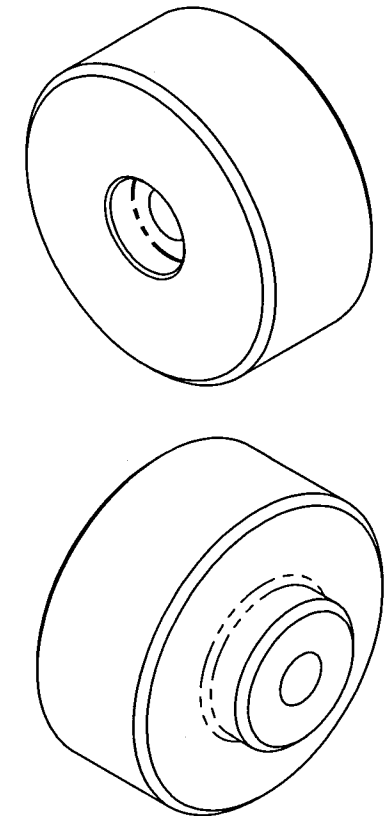
RBW6320G11831-8G-1 REACTION ASSY

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ASSEMBLE AS SHOWN
9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM 7 WITH ITEM -2 AND REMOVE EXCESS

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6320G11831-8G	SHEET 2 OF 5
APPROVED	VM	TITLE	SCALE
DATE 8/28/2018		MGB INPUT FLANGE REMOVAL PULLER	NTS
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RBW6320G11831-8G-2 REACTION

SECTION B-B



NOTES:

- NOTES:
1) MATERIAL: 6061-T6 / 7075-T6
2) HEAT TREAT: N/A
3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°

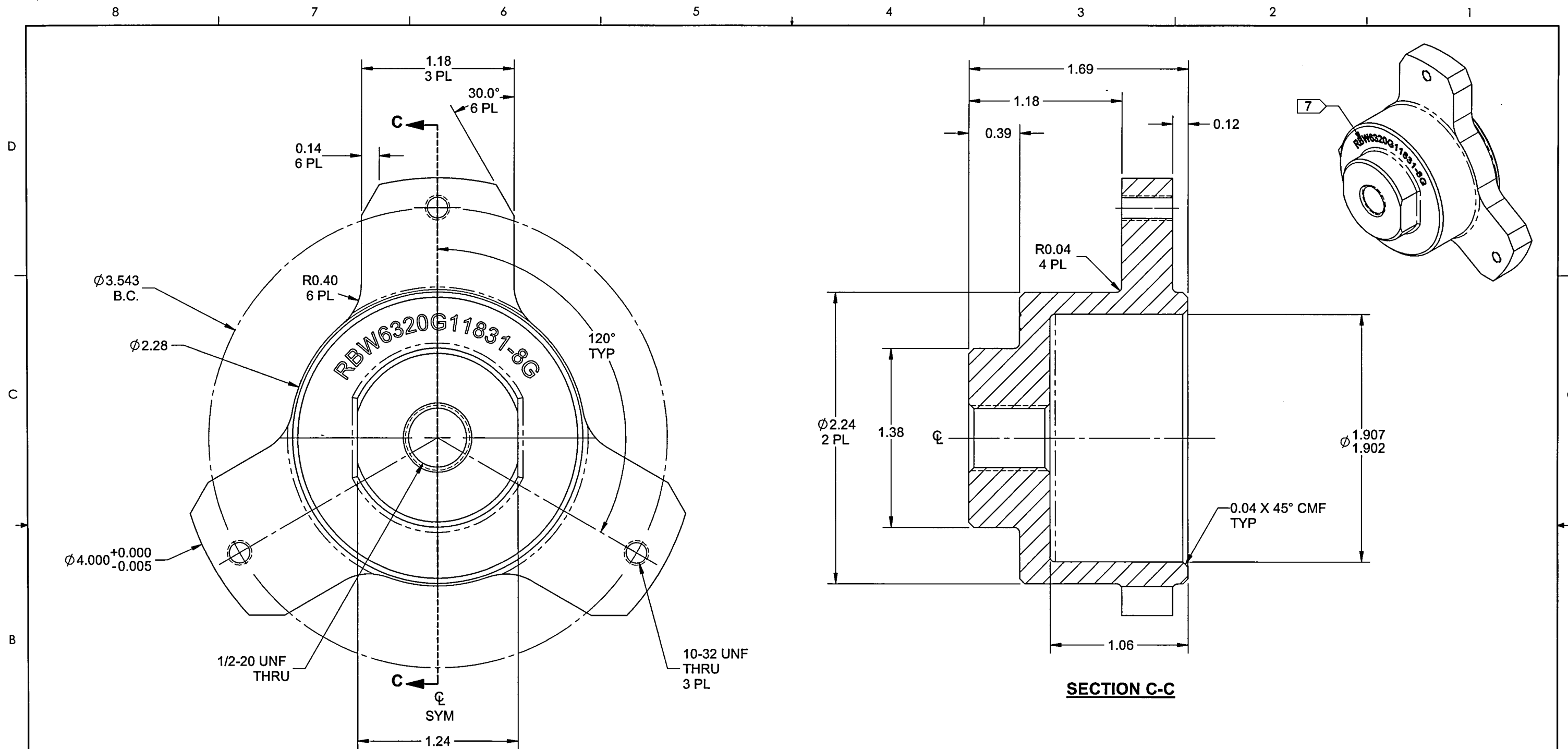
X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY A

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

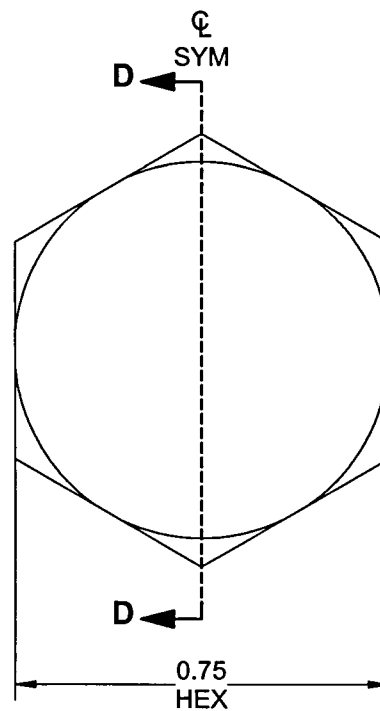
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6320G11831-8G	SHEET 3 OF 5
APPROVED	<i>VP</i>	TITLE	SCALE
DATE 8/28/2018		MGB INPUT FLANGE REMOVAL PULLER	NTS
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RBW6320G11831-8G-3 EXTRACTOR

NOTES:
1) MATERIAL: 4140/4142 (28-32 RC)
2) HEAT TREAT: N/A
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: MACHINE OR DOT MARK T/N AS SHOWN

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6320G11831-8G	SHEET 4 OF 5
APPROVED	VP	TITLE	SCALE
DATE 8/28/2018		MGB INPUT FLANGE REMOVAL PULLER	NTS
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0.06
2 PL

0.05
REF

2.34

2.00

1/2"-20 UNF

0.24

Ø 0.400

Ø 0.63

Ø 0.43
REF

30.0°
2 PL

SECTION D-D

NOTES:

- 1) MATERIAL: 4140/4142 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6320G11831-8G	SHEET 5 OF 5
APPROVED	VM	TITLE	SCALE
DATE 8/28/2018		MGB INPUT FLANGE REMOVAL PULLER	NTS
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